



DEFENSE INFORMATION SYSTEMS AGENCY

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IN REPLY
REFER TO: Joint Interoperability Test Command (JTE)

MEMORANDUM FOR DISTRIBUTION

9 Aug 11

Subject: Extension of the Special Interoperability Test Certification of the T-Metrics, Inc., Attendant Console, Release Version 2.0

References: (a) DoD Directive 4630.5, "Interoperability and Supportability of Information Technology (IT) and National Security Systems (NSS)," 5 May 2004
(b) CJCSI 6212.01D, "Interoperability and Supportability of Information Technology and National Security Systems," 8 March 2006
(c) through (f), see Enclosure

1. References (a) and (b) establish the Defense Information Systems Agency, Joint Interoperability Test Command (JITC), as the responsible organization for interoperability test certification.

2. The T-Metrics, Inc., Attendant Console Release Version 2.0 is hereinafter referred to as the System Under Test (SUT). The SUT meets all of the critical interoperability requirements and is certified for joint use within the Defense Switched Network (DSN). The SUT emulates all the features and functions of the Nortel NT4X09 Meridian Services Attendant Console (MSAC) hard console. The SUT meets all of the critical interoperability requirements and is certified for joint use within the DSN, specifically with the Nortel Communication Server (CS)2100, Meridian Switching Load (MSL)-100, and the Nortel CS1000M Cabinet digital switching Systems on the Unified Capabilities (UC) Approved Products List (APL). The SUT was tested with the Nortel CS2100 with Software Release Succession Enterprise (SE)09.1. The MSL-100 Digital Switching System has similar hardware and software and the same interfaces as the Nortel CS2100. The JITC analysis determined a minor risk in certifying the SUT with other Nortel CS2100 and Nortel MSL-100 digital switching systems on the UC APL. The SUT meets the critical interoperability requirements for attendant services set forth in Reference (c) and testing was conducted using test procedures derived from Reference (d). No other configurations, features, or functions, except those cited within this report, are certified by the JITC. This certification expires upon changes that affect interoperability, but no later than three years from the date of the original memorandum (30 March 2010).

3. The extension of this certification is based upon Desktop Review (DTR) 2. The original certification is based on interoperability testing conducted by JITC, review of the vendor's Letters of Compliance (LoC), and Defense Information Assurance (IA)/Security Accreditation Working Group (DSAWG) accreditation. Interoperability testing was conducted by JITC at the Global Information Grid Network Test Facility, Fort Huachuca, Arizona, from 14 through

18 April 2008. Review of vendor's LoC was completed on 29 April 2008. The SUT supports the same software, interfaces, and functionality as when it was previously tested. The only difference is that the SUT now supports either Microsoft XP or Microsoft Windows Vista operating system platform. A review of the SUT and comparison with the new requirements in Reference (c) was conducted on 15 December 2009 to determine the SUT was certified for interoperability within the DSN without additional interoperability testing and documented in Reference (e). DSAWG granted accreditation on 30 March 2010 based on the security testing completed by DISA-led IA test teams and published in a separate report, Reference (f). The SUT was tested with the agent software loaded on a Microsoft Windows Vista-based Personal Computer (PC). This DTR was requested to include Microsoft Windows 7 loaded on the agent PC. This DTR submission resulted in a Validation and Verification (V&V) test so the IA team could determine if this DTR would have an impact on the IA posture. Interoperability and IA V&V testing for this DTR were conducted from 21 through 25 March 2011. JITC interoperability test results determined that the changes associated with this DTR have no impact on the SUT certified interoperability features and functions. Therefore, JITC approves this DTR. The DISA Certifying Authority (CA) has approved the Information Assurance posture of the SUT in this DTR on 18 July 2011.

4. The Functional Requirements used to evaluate the interoperability of the SUT and the interoperability statuses are indicated in Table 1.

Table 1. SUT Functional Requirements and Interoperability Status

Interface	Critical	Certified	Functional Requirements	Met	UCR Paragraph
Digital Proprietary Twisted Pair Copper (CS1000M Cabinet) (See note 1.)	Yes	Yes	Precedence and Preemption (R)	Yes	5.2.1.2.1
			Call Display (R)	Yes	5.2.1.2.2
			Class of Service Override (R)	Yes	5.2.1.2.3
			Busy Override and Busy Verification (R)	Yes	5.2.1.2.4
			Night Service (R)	Yes	5.2.1.2.5
			Automatic Recall of Attendant (R)	Yes	5.2.1.2.6
			Calls in Queue to the Attendant (R)	Yes	5.2.1.2.7
Nortel Analog Proprietary (CS2100) (See note 1.)	Yes	Yes	Precedence and Preemption (R)	Yes	5.2.1.2.1
			Call Display (R)	Yes	5.2.1.2.2
			Class of Service Override (R)	Yes	5.2.1.2.3
			Busy Override and Busy Verification (R)	Yes	5.2.1.2.4
			Night Service (R)	Yes	5.2.1.2.5
			Automatic Recall of Attendant (R)	Yes	5.2.1.2.6
			Calls in Queue to the Attendant (R)	Yes	5.2.1.2.7
	Yes	Yes	Security (R)	See note 2.	3.2.3, 3.2.5, and 5.4.6.1
NOTES: 1 This interface is certified with the SUT in either a single- or multiple-console configurations, with or in lieu of the MSAC console. The is SUT certified for joint use within the DSN specifically with the Nortel CS2100, MSL-100, and CS1000M Cabinet digital switching systems on the UC APL. 2 Security is tested by DISA-led Information Assurance test teams and published in a separate report, Reference (f).					
LEGEND: APL Approved Products List CS Communication Server DISA Defense Information Systems Agency DSN Defense Switched Network MSAC Meridian Services Attendant Console MSL Meridian Switching Load R Required SUT System Under Test UC Unified Capabilities UCR Unified Capabilities Requirements					


5. No detailed test report was developed in accordance with the Program Manager's request. JITC distributes interoperability information via the JITC Electronic Report Distribution (ERD) system, which uses Unclassified-But-Sensitive Internet Protocol Router Network (NIPRNet) e-mail. More comprehensive interoperability status information is available via the JITC System Tracking Program (STP). The STP is accessible by .mil/gov users on the NIPRNet at <https://stp.fhu.disa.mil>. Test reports, lessons learned, and related testing documents and references are on the JITC Joint Interoperability Tool (JIT) at <https://jit.fhu.disa.mil> (NIPRNet). Information related to DSN testing is on the Telecom Switched Services Interoperability (TSSI) website at <http://jitc.fhu.disa.mil/tssj>. Due to the sensitivity of the information, the Information Assurance Accreditation Package (IAAP) that contains the approved configuration and deployment guide must be requested directly through government civilian or uniformed military personnel from the Unified Capabilities Certification Office (UCCO), e-mail: ucco@disa.mil.

JITC Memo, JTE, Extension of the Special Interoperability Test Certification of the T-Metrics, Inc., Attendant Console, Release Version 2.0

6. The JITC point of contact is Mr. Khoa Hoang, DSN 879-4376, commercial (520) 538-4376, FAX DSN 879-4347, or e-mail to khoa.hoang@disa.mil. The JITC's mailing address is P.O. Box 12798, Fort Huachuca, AZ 85670-2798. The tracking number for the SUT is 0923902.

FOR THE COMMANDER:

Enclosure a/s


for BRADLEY A. CLARK
Chief
Battlespace Communications Portfolio

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ADDITIONAL REFERENCES

- (c) Office of the Assistant Secretary of Defense, "Department of Defense Unified Capabilities Requirements 2008," 22 January 2009
- (d) Joint Interoperability Test Command, "Defense Switched Network Generic Switch Test Plan (GSTP), Change 2," 2 October 2006
- (e) Joint Interoperability Test Command, Memo, JTE, "Special Interoperability Test Certification of the T-Metrics, Inc., Attendant Console, Release Version 2.0," 30 March 2010
- (f) Joint Interoperability Test Command, "Information Assurance (IA) Assessment of T-Metrics, Inc., Attendant Console, Release Version 2.0 (Tracking Number 0923902)," 30 March 2010